Express Mail No.: EV041360051US
Docket # 1787-70800; Att'y: Mark Scott (713-238-8000)
Method & System for Limiting Use of Embedded Software
Sheet 1 of 4



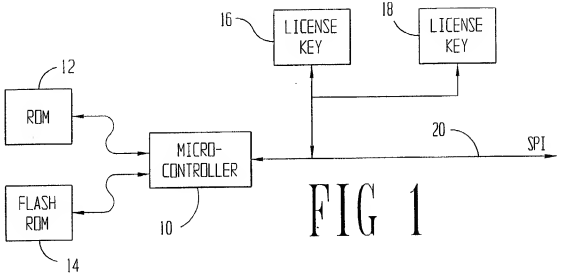


FIG 1

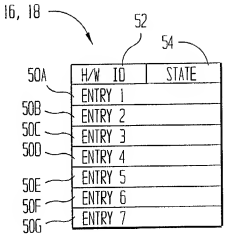


FIG 3A

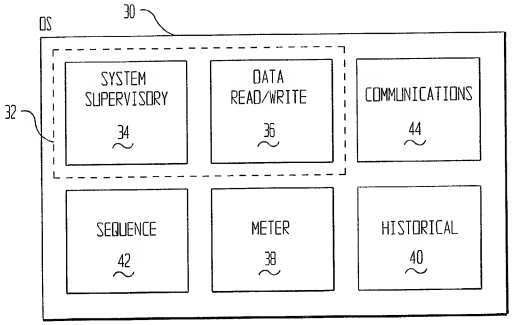


FIG 2

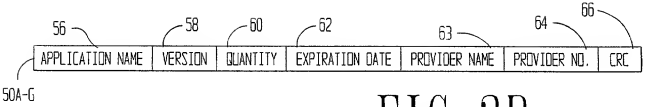
56
58
60
62
63
64
66
APPLICATION NAME
VERSION
QUANTITY
EXPIRATION DATE
PROVIDER NAME
PROVIDER NO.
CRC
50A-G

FIG 3B

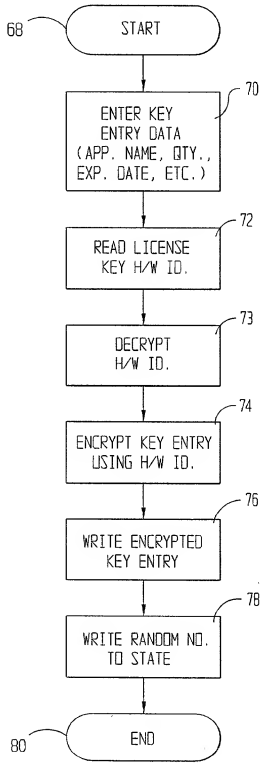
68
START
70
ENTER KEY ENTRY DATA (APP. NAME, QTY., EXP. DATE, ETC.)
72
READ LICENSE KEY H/W ID.
73
DECRYPT H/W ID.
74
ENCRYPT KEY ENTRY USING H/W ID.
76
WRITE ENCRYPTED KEY ENTRY
78
WRITE RANDOM NO. TO STATE
80
END

FIG 4

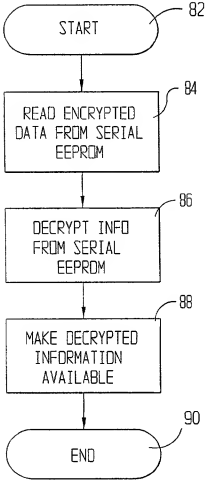
START
82
READ ENCRYPTED DATA FROM SERIAL EEPROM
84
DECRYPT INFO FROM SERIAL EEPROM
86
MAKE DECRYPTED INFORMATION AVAILABLE
88
END
90

FIG 5

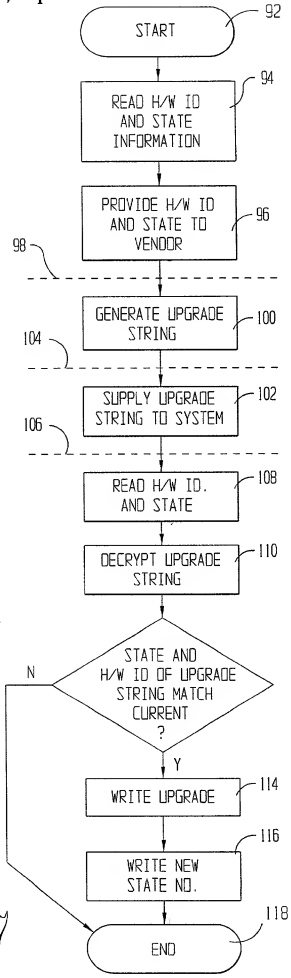
START
92
READ H/W ID AND STATE INFORMATION
94
PROVIDE H/W ID AND STATE TO VENDOR
96
98
GENERATE UPGRADE STRING
100
104
SUPPLY UPGRADE STRING TO SYSTEM
102
106
READ H/W ID. AND STATE
108
DECRYPT UPGRADE STRING
110
STATE AND H/W ID OF UPGRADE STRING MATCH CURRENT ?
N
Y
WRITE UPGRADE
114
WRITE NEW STATE NO.
116
END
118

FIG 7

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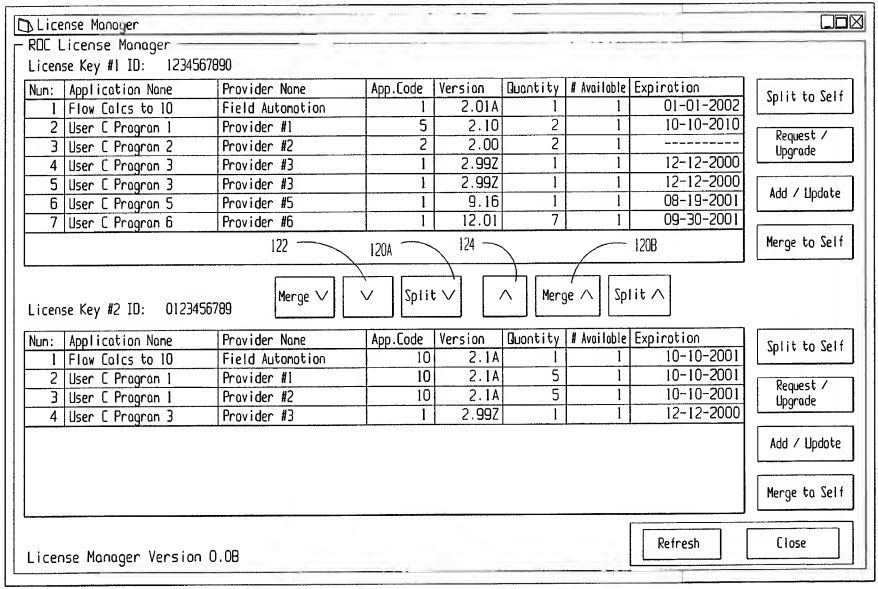


FIG 6